

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 2		
2. AMENDMENT/MODIFICATION NO. 005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-SRRPOD-13-00325		5. PROJECT NO. (If applicable)	
6. ISSUED BY SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		CODE SRRPOD		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849				(x)			9A. AMENDMENT OF SOLICITATION NO.
							9B. DATED (SEE ITEM 11)
				X			10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0036
							10B. DATED (SEE ITEM 13) 10/02/2012
CODE (b)(4)		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -\$20,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS (APR 2012)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ 0 copies to the issuing office.

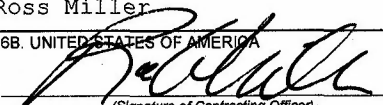
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)
DATA REVIEW/VALIDATION (NON-SUPERFUND)
TOPO: Narendra Kumar Max Expire Date: 09/25/2014

The purpose of this Modification is to de-obligate funds in the amount of \$20,000.00.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ross Miller	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 	16C. DATE SIGNED 8/7/13
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

CONTINUATION SHEET

REFERENCE NO. OF **ITEM** BEING CONTINUED
EP-W-07-083/0036/005PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action</p> <p>Obligated Amount for this Modification: -\$20,000.00</p> <p>New Total Obligated Amount for this Award: \$36,000.00</p> <p>Incremental Funded Amount changed: from \$56,000.00 to \$36,000.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 31</p> <p>Obligated Amount for this modification: -\$20,000.00</p> <p>Incremental Funded Amount changed from \$56,000.00 to \$36,000.00</p> <p>CHANGES FOR ACCOUNTING CODE:</p> <p>12-13-BR-02D0X61-303DC6-2505---1302HE1034-3</p> <p>Amount changed from \$20,000.00 to \$0.00</p> <p>Percent changed from 33.27794 to 0</p> <p>Period of Performance: 10/02/2012 to 09/25/2013</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-SRRPOD-13-00325	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE SRRPOD SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x) 9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE (b)(4)		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0036 10B. DATED (SEE ITEM 13) 10/02/2012	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -\$10,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS (APR 2012)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)

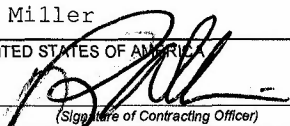
DATA REVIEW/VALIDATION (NON-SUPERFUND)

TOPO: Narendra Kumar Max Expire Date: 09/25/2014

The purpose of this Modification is to deobligate funds in the amount of \$10,000.00. This funding will be re-obligated onto Task Order (TO) #38 under the same Contract. The funding on this TO has therefore decreased from \$66,000.00 to \$56,000.00.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ross Miller	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 6/11/13

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-W-07-083/0036/004PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>LIST OF CHANGES:</p> <p>Reason for Modification : Funding Only Action Obligated Amount for this Modification: -\$10,000.00 New Total Obligated Amount for this Award: \$56,000.00 Incremental Funded Amount changed: from \$66,000.00 to \$56,000.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 31 Obligated Amount for this modification: -\$10,000.00 Incremental Funded Amount changed from \$66,000.00 to \$56,000.00</p> <p>CHANGES FOR ACCOUNTING CODE: 12-13-BR-02DOX61-303DC6-2505---1302HE1034-3 Amount changed from \$30,000.00 to \$20,000.00</p> <p>NOTE TO RTP: The funding being de-obligated in the amount of \$10,000.00 will be re-obligated onto TO #38.</p> <p>Period of Performance: 10/02/2012 to 09/25/2013 The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION — CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See Schedule	
5. PROJECT NO. (If applicable)		7. ADMINISTERED BY (If other than Item 6)		CODE SRRPOD	
6. ISSUED BY SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		7. ADMINISTERED BY (If other than Item 6) SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460		CODE SRRPOD	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		(x)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		x		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0036	
				10B. DATED (SEE ITEM 13) 10/02/2012	
CODE (b)(4)		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$30,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

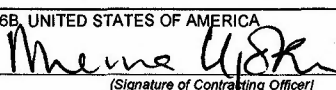
DUNS Number: (b)(4)
DATA REVIEW/VALIDATION (NON-SUPERFUND)
TOPO: Narendra Kumar Max Expire Date: 09/25/2014

The purpose of this modification is to obligate funds in the amount of \$30,000.00 to this task order. All other terms and conditions remain the same.

LIST OF CHANGES:

Reason for Modification : Funding Only Action
Obligated Amount for this Modification: \$30,000.00
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nnenna Njoku	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12/13/12

CONTINUATION SHEET

REFERENCE NO. OF ~~MENT~~ BEING CONTINUED
EP-W-07-083/0036/003PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Obligated Amount for this Award: \$66,000.00 Incremental Funded Amount changed: from \$36,000.00 to \$66,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 12-13-BR-02D0X61-303DC6-2505-1302HE1034-3 Beginning Fiscal Year 12 Ending Fiscal Year 13 Fund (Appropriation) BR Budget Organization 02D0X61 Amount: \$30,000.00</p> <p>Period of Performance: 10/02/2012 to 09/25/2013</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-OSWER-13-00011	
5. PROJECT NO. (If applicable)		6. ISSUED BY SRRPOD		7. ADMINISTERED BY (If other than Item 6) SRRPOD	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALION SCIENCE AND TECHNOLOGY CORPORATION ATTN (b)(4) 1000 BURR RIDGE PKWY (b)(4) BURR RIDGE IL 605270849		9A. AMENDMENT OF SOLICITATION NO. (x)		9B. DATED (SEE ITEM 11)	
CODE (b)(4)		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. EP-W-07-083 0036	
				10B. DATED (SEE ITEM 13) 10/02/2012	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$24,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)
DATA REVIEW/VALIDATION (NON-SUPERFUND)
TOPO: Narendra Kumar Max Expire Date: 09/25/2014

The purpose of this modification is to obligate funds in the amount of \$24,000.00 to this task order. This modification also changes the Task Order Contracting Officer Representative to Narendra Kumar. All other terms and conditions remain the same.

LIST OF CHANGES:

Reason for Modification : Funding Only Action

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Nnenna Njoku	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 11/29/12

CONTINUATION SHEET

REFERENCE NO. OF ~~MENT~~ BEING CONTINUED
EP-W-07-083/0036/002PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: \$24,000.00 New Total Obligated Amount for this Award: \$36,000.00 Incremental Funded Amount changed: from \$12,000.00 to \$36,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 13-E4-D100AG7-301D79-2505-GQ00BZ00-13D1D2E001-001 Beginning Fiscal Year 13 Fund (Appropriation) E4 Budget Organization D100AG7 Amount: \$24,000.00</p> <p>TOCOR (Task Order Contracting Officer Representative) changed to : Narendra Kumar</p> <p>Period of Performance: 10/02/2012 to 09/25/2013</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
001		See Block 16C		PR-SRRPOD-13-00005	
6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)	
CODE		CODE		SRRPOD	
SRRPOD		SRRPOD			
US Environmental Protection Agency		US Environmental Protection Agency			
Superfund/RCRA Regional Procurement		Superfund/RCRA Regional Procurement			
Operations		Operations			
1200 Pennsylvania Ave, NW		1200 Pennsylvania Ave, NW			
Washington DC 20460		Washington DC 20460			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
ALION SCIENCE AND TECHNOLOGY CORPORATION		(x)			
ATTN (b)(4)					
1000 BURR RIDGE PKWY		9B. DATED (SEE ITEM 11)			
(b)(4)					
BURR RIDGE IL 605270849		X		10A. MODIFICATION OF CONTRACT/ORDER NO.	
				EP-W-07-083	
CODE (b)(4)				0036	
FACILITY CODE				10B. DATED (SEE ITEM 13)	
				10/02/2012	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$12,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	LIMITATION OF THE GOVERNMENT'S OBLIGATIONS UNDER TASK ORDERS

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: (b)(4)

DATA REVIEW/VALIDATION (NON-SUPERFUND)

TOPO: Muhammad H. Sheikh Max Expire Date: 09/25/2014


The purpose of this modification is to reobligate funds in the amount of \$12,000.00. These funds are being transferred from Task Order 0033. All other terms and conditions remain the same.

LIST OF CHANGES:


Reason for Modification : Funding Only Action

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Nnenna Njoku	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)		 (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED	
		10/3/2012	

CONTINUATION SHEET

REFERENCE NO. OF  ENT BEING CONTINUED
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NAME OF OFFEROR OR CONTRACTOR

ALION SCIENCE AND TECHNOLOGY CORPORATION

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>New Total Obligated Amount for this Award: \$12,000.00 New Task Order Ceiling for this Award: \$70,099.87 Incremental Funded Amount changed: from \$0.00 to \$12,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 12-E4-D100AG7-301D79-2505-12D1D2E026-001 Beginning Fiscal Year: 12 Fund (Appropriation): E4 Budget Organization: D100AG7 Program (PRC): 301D79 Budget (BOC): 2505 DCN Line ID: 12D1D2E026-001 Amount: \$12,000.00</p> <p>Period of Performance: 10/02/2012 to 09/25/2013 The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1 13

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 10/02/2012		2. CONTRACT NO. (If any) EP-W-07-083		6. SHIP TO:				
3. ORDER NO. 0036		4. REQUISITION/REFERENCE NO.		a. NAME OF CONSIGNEE Kim Brandon-Bazile				
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460				b. STREET ADDRESS US EPA 2890 Woodbridge Ave MS 102		c. CITY Edison		
				d. STATE NJ		e. ZIP CODE 08837		
7. TO: (b)(4)				f. SHIP VIA				
a. NAME OF CONTRACTOR ALION SCIENCE AND TECHNOLOGY CORPORATION				8. TYPE OF ORDER				
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE		<input checked="" type="checkbox"/> b. DELIVERY		
c. STREET ADDRESS 1000 BURR RIDGE PKWY (b)(4)				REFERENCE YOUR:		Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.		
d. CITY BURR RIDGE				e. STATE IL		f. ZIP CODE 605270849		
9. ACCOUNTING AND APPROPRIATION DATA				10. REQUISITIONING OFFICE SRRPOD				
11. BUSINESS CLASSIFICATION (Check appropriate box(es))							12. F.O.B. POINT	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB								
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)		16. DISCOUNT TERMS		
a. INSPECTION Destination		b. ACCEPTANCE Destination						
17. SCHEDULE (See reverse for Rejections)								
ITEM NO. (a)	SUPPLIES OR SERVICES (b)			QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: (b)(4) DATA REVIEW/VALIDATION (NON-SUPERFUND) This order is subject to the terms and conditions of Contract EP-W-07-083. The Statement of Work for this task order is Continued ...							
18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.				17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:								
a. NAME		RTP Finance Center				\$0.00		17(i) GRAND TOTAL
b. STREET ADDRESS (or P.O. Box)		US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$0.00		
c. CITY		Durham		d. STATE	e. ZIP CODE			
22. UNITED STATES OF AMERICA BY (Signature)		Nnenna Njoku		23. NAME (Typed)		Nnenna Njoku		
				TITLE: CONTRACTING/ORDERING OFFICER				

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 347 (Rev. 2/2012)
Prescribed by GSA/FAR 48 CFR 53.213(f)

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 10/02/2012	CONTRACT NO. EP-W-07-083	ORDER NO. 0036
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0031	<p>attached herein. The total obligated amount for this action is \$0.00 and the Task Order Ceiling amount is \$70,099.87. TOPO: Muhammad H. Sheikh Max Expire Date: 09/25/2014</p> <p>Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460</p> <p>Period of Performance: 10/02/2012 to 09/25/2013</p> <p>Contract Ceiling and Funding for Option Period III</p> <p>Funding for Data Validation (non-SF)</p> <p>The Government accepts the estimates for Task Order 36 despite the fact that Alion applied a (b)(4) rate to validation and management hours to establish the QA/QC hours for Task Orders 36.</p> <p>You are advised that the Government finds the (b)(4) number considerably higher than the Government's own estimate. We understand, as is stated in your proposal, that there is no historical data by which to compare, and that the (b)(4) number is merely an estimate, and not a fixed rate.</p> <p>The contractor shall not exceed the current limitation of the Government's obligations under this task order without prior written authorization from the Contracting Officer.</p>				0.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$0.00

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)
Prescribed by GSA FAR (48 CFR) 53.213(f)

STATEMENT OF WORK
Date of Award--- September 25, 2013

Data Review/Validation
(Non-Superfund Data Validation)

Contract #: EP-W-07-083

TASK ORDER - 36

TOPO: Muhammad Sheikh

Alternate TOPOs: Russell Arnone and Narendra Kumar

Purpose

The contractor shall provide support relating to the review and validation of analytical data, as it relates to data generated through the Contract Laboratory Program (CLP), and analytical data generated through other national and regional contract laboratories (i.e., analysis done for Dioxin, PCB Congener, SW-846 methods, air methods and asbestos). The details of this support are specified in various Task Areas in this contract Statement of Work. Limited training of contractor personnel may be required, as outlined in the specific Task Area of this contract Statement of Work. Updating of contractor Standard Operating Procedures (SOPs) will also be required on an annual basis.

Certain activities designated in this task order (TO), such as the receipt and release of data packages will be performed in the Document Control Room (DCR) or in a designated area of the US EPA Region 2's Edison, NJ facility.

Overview

Task Order 36 under the ESAT contract for the above period will be comprised of: Task Area 1 - Task Order Management and General Administration; Task Area 2 - Data Validation; Task Area 3 - Training; and Task Area 4 - QA/QC Support. The contractor will provide support for CLP and non-RAS (i.e., Dioxin, PCB Congener SW-846 methods, air methods etc.) data. The contractor will also be required to review and provide comments on other QA/QC related documents, such as SOPs; enter tracking data into databases or spreadsheets; track negative data quality trends of CLP laboratories and provide data usability reports based on established guidelines.

All tasks as described within this SOW as they relate to a specific CLP case and/or project will include, but not limited to; data package completeness checks, review and/or validation of data. Completeness checks of data packages will be conducted as part of the data validation process by the data validator(s). The deliverable date(s) will be determined based on:

- 1) Turn-around-time specified by the USEPA;
- 2) Priorities designated by the USEPA; and
- 3) Number of samples and complexity of project.

If the contractor is unable to complete a project by the specified deliverable date, the ESAT Program Manager/Team Leader shall inform the Task Order Project Officer (TOPO) and Project Officer (PO) at least one (1) business day prior to the deliverable due date via email. The e-mail shall provide a detailed explanation as to why the data package could not be completed by the due date. Additionally, the email will contain a request for an extension of deliverable due date along with a proposed deliverable date. If the request for an extension is approved, the TOPO will provide a new due date for the project. The deliverable due date may also be changed (i.e., extended or shortened) by the PO/TOPO due to EPA client requirements.

The contractor shall also notify the TOPO and PO immediately upon learning of anything that may affect performance under this TO.

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TASK ORDER - 36

TOPO: Muhammad Sheikh

Alternate TOPOs: Russell Arnone and Narendra Kumar

TASK AREA 1: Task Order Management and General Administration

Team management shall meet with the PO, TOPO, and other designated EPA representatives, at minimum, on a monthly basis to update EPA on the status of tasks and schedules for the completion of deliverables and to address relevant administrative and technical issues.

The contractor shall submit all deliverables required under this TO through a cover letter. The contractor shall also maintain a copy of each deliverable, with the exception of Complete SDG File (CSF) (also known as data package) submitted under this TO. CSFs are to be prepared for archival and stored in the Document Control Room (DCR).

The contractor shall review all deliverables prior to submission to EPA. The review shall assure that each deliverable is accurate and complete, technically sound, and free of clerical errors. If such a review cannot be performed on any deliverable, the contractor shall contact the PO and TOPO prior to submission of that deliverable.

All data packages and data re-submittals will be delivered directly to the DCR where they will be signed in and processed by the EPA Data Delivery Contact, RSCC or a designated representative. The contractor will be able to access the DCR in order to sign out data packages, return the packages after validation, and stage data packages for archival.

The contractor must assure that proper chain of custody is maintained on all data and that the data are kept in a secured location.

The Contractor shall notify the Contracting Officer (CO) and PO when 85% of funding for this Task Order has been expended.

Deliverables

The contractor shall submit to the CO and PO weekly and monthly reports with narratives of all current contract activities, including, but not limited to, administrative and management highlights. Each table and/or report should identify activities by Task Order, Technical Direction (TD) Form Number, and/or other identifier where applicable.

The weekly reports should include, at a minimum:

- Ongoing, suspended, cancelled, and completed activities;
- Document type, start date, due date, and completion date;
- Expended hours (if applicable, estimated hours should be noted and reference the affected activity); and
- Total number of hours used for activities
- Status on all CLP data reviews.

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TOPO: Muhammad Sheikh

Alternate TOPOs: Russell Arnone and Narendra Kumar

The monthly report should include the aforementioned information and including, at a minimum:

- Total hours, dollars, and Other Direct Cost (ODC) ;
- funding ceiling and percentages utilized in each category (i.e. hours, dollars, ceilings, etc); and,
- Cumulative totals for each of the above categories (i.e. hours, dollars, etc).

TASK AREA 2 – DATA VALIDATION

TASK 1 - ORGANIC DATA REVIEW/VALIDATION

Package Completeness Check, Review and Validation of CLP Organic Data

Data packages will be assigned to the contractor by EPA. The contractor will sign out and accept custody of the data package(s). This will include at a minimum: the Complete SDG File (CSF) as delivered by the lab; the Routine Analytical Services (RAS) Request Form and lab assignments; the sampling trip report; any modifications made to the SOW for that project; Non-RAS request form and SOW for Non-RAS projects; and any other additional information related to the data package.

Data packages will be provided to the contractor for review and or validation. Information to be provided to the contractor will include: the site name; site account number (if any); specific data package by case and or Sample Delivery Group (SDG); deliverable date (optional); and applicable SOPs to be followed (optional). Review of a data case shall not be started until all appropriate documentation for that case is received unless otherwise instructed. No work shall commence on a project until a Conflict of Interest (COI) form is completed. In the instance of actual or potential COI, the contractor shall notify the PO and CO prior to commencement of any work. The CO will instruct the contractor whether or not to proceed with the work.

Data Package Completeness Check (Organic)

The data package completeness check shall be performed for each SDG as a first step of data validation. The contractor shall notify the TOPO immediately via email if any information or data is missing from the data package. The contractor shall follow the appropriate SOP or EPA instructions for completeness check.

Review and Validation of CLP RAS Organic Data

ESAT shall conduct data validation according to site specific Data Quality Objectives (DQOs) provided by EPA. In the event the DQOs are not available, ESAT shall conduct data validation using the appropriate Region 2 data validation SOP Checklist for the organic fraction(s). ESAT shall use the SOP Checklist in its entirety with all QA/QC criteria unless otherwise directed. ESAT shall use the Region 2 data validation SOP in conjunction with the National Functional Guidelines (NFG) Reports posted in the EXES Data Manager (EDM), or equivalent. In the event the NFG Reports are

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TASK ORDER - 36

TOPO: Muhammad Sheikh

Alternate TOPOs: Russell Arnone and Narendra Kumar

not available, the contractor shall perform organic data review/validation using the applicable current version of SOP HW-33, 34, 35, or 37. SOPs not listed may be used, if approved by the TOPO. Data generated under Modified Analytical Request will be validated considering the terms and conditions specified in the Request.

The contractor will have access to the EDM (or equivalent), which provides SDG File (CSF), Contract Compliance Screening (CCS) report, QC analyses forms, NFG reports, sample summary report, and Excel spreadsheet. ESAT will utilize these files to perform data validation. In the event any of the files are corrupt or missing from EDM, the contractor shall notify the TOPO by email immediately for resolution.

In the event that the contractor's review indicates that there are missing items and/or documentation in the data package, the contractor shall immediately notify the TOPO via email.

The estimated number of CLP RAS organic samples by fractions is **1200**. Dilutions and reanalyses of samples are not counted as separate samples. The estimated breakdown listed below may change due to EPA's client requests.

- | | |
|---|-------|
| - Volatile Organic Compound | - 600 |
| - Semi-Volatile Compounds | - 250 |
| - Pesticides | - 150 |
| - Aroclors | - 150 |
| - Diesel and Gasoline Range Organics, etc | - 50 |

Deliverables-

In the event that a data review cannot be completed due to missing documentation, missing information or problems with the electronic files, the contractor shall notify the TOPO immediately by email. The contractor shall submit to the TOPO a report outlining the problem and information needed to complete the data review.

The contractor shall prepare and submit to the TOPO or designated representative a data review deliverable for each deliverable by 12:00pm Eastern Time of the Completion Date of Deliverable. The deliverable shall consist of two types of components: Hard Copy Deliverable and Electronic Deliverable. Please note that the deliverable components may change based on Regional SOPs/requirements.

Hard Copy Deliverables-

1. Data package with all SDGs
2. Data Assessment (original) for each SDG outlining samples and analyses (VOCs, SVOCs, Pest., etc.) which were flagged (NFG reports may be used).
3. Contract Compliance Screening (CCS) report(s)

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Alternate TOPOs: Russell Arnone and Narendra Kumar

4. Copies of all communications related to the subject data package
5. NFG Report #3 for each SDG - ESAT shall write or type in the NFG Reports the errors discovered during data validation.
6. Original- Inorganic/Organic Complete SDG File (CSF) Inventory Checklist and Form DC-2.
7. Copy of Sampling Trip Report

Electronic Deliverables

1. E-mail copies of original data assessment narrative,
2. E-mail copy of the Excel Spreadsheets and pdf file (if applicable) for each SDG which contain the results/qualifiers as they appear in the sample Form 1's, and
3. The CLP contract problem/non-compliance must be clearly stated along with supportive documents from the subject data package.

Review and Validation of Non-CLP and/or Non-RAS Organic Data

The contractor shall perform organic data reviews on Non-RAS analytical data packages (including, but not limited to, data packages for Dioxin, PCB Congeners, SW-846 methods; air methods and asbestos) using the appropriate SOP. In the event the contractor's review indicates that there are missing items and/or documentation in the data package, the contractor shall notify the TOPO via e-mail immediately.

If the contractor is unable to complete a project by the specified deliverable date, the ESAT Program Manager/Team Leader shall inform the Task Order Project Officer (TOPO) and Project Officer (PO) via email at least one (1) business day prior to the deliverable due date. The e-mail shall provide a detailed explanation as to why the data package could not be completed by the due date. Additionally, the email will contain a request for an extension of deliverable due date along with a proposed deliverable date. If the request for an extension is approved, the TOPO will provide a new due date for the project. The contractor shall also notify the TOPO and PO immediately upon learning of anything that may affect performance under this TO.

Reviews of Non-RAS analytical data will vary in complexity. In performing non-RAS reviews which are similar to CLP reviews, the contractor will follow the data review procedures as outlined in Validation/Review of CLP Organic Data.

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Alternate TOPOs: Russell Arnone and Narendra Kumar

The estimated total of Non-RAS organic samples by fraction is **240**. Dilutions and reanalyses of samples are not counted as separate samples. The estimated breakdown listed below may change due to EPA's client requests.

- | | |
|-----------------|-------|
| - Dioxin | - 100 |
| - Air | - 120 |
| - PCB Congeners | - 20 |

The estimated total of Non-CLP RAS organic samples by fraction is **275**. Dilutions and reanalyses of samples are not counted as separate samples. The estimated breakdown listed below may change due to EPA's client requests.

- | | |
|---|-------|
| - Volatile Organic Compound | - 100 |
| - Semi-Volatile Compounds | - 50 |
| - Pesticides | - 50 |
| - Aroclors | - 50 |
| - Diesel and Gasoline Range Organics, etc | -25 |

Deliverables

In the event that a data review may not be completed due to missing or incomplete information, the contractor shall submit an interim report to the TOPO listing the information required in order to complete the data review. This report is in the format of Laboratory Communication Log. The contractor shall prepare and submit to the TOPO a data review deliverable for each data package reviewed. The deliverable shall consist of the following components:

1. Data Assessment (original) outlining analyses that were flagged.
2. Copies of all communications related to the subject data package.
3. Copy of Inorganic/Organic Complete SDG File (CSF) Inventory Checklist and Form DC-2 or equivalent forms for TOPO and/or their designated representative.
4. E-mail copies of Excel spreadsheets and/or pdf file (if available) for each SDG in the data package

Please note that the deliverable components may change based on Regional SOPs/requirements.

TASK AREA 3 - INORGANIC DATA REVIEW

Data Package Completeness Check, Review and Validation of CLP Inorganic Data

Data packages will be assigned to the contractor by EPA. The contractor will sign out and accept custody of the data package(s). This will include at a minimum: the Complete SDG File (CSF) as delivered by the lab; the sampling trip report; any modifications made to the SOW for that project; Non-RAS request form and SOW for Non-RAS projects; and any other additional information related to the data package.

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TOPO: Muhammad Sheikh

Alternate TOPOs: Russell Arnone and Narendra Kumar

Data packages will be provided to the contractor for review and or validation. Information to be provided to the contractor will include: the site name; site account number (if any); specific data package by case and or Sample Delivery Group (SDG); deliverable date (optional); and applicable SOPs to be followed (optional). Review of a data case shall not be started until all appropriate documentation for that case is received unless otherwise instructed. No work shall commence on a project until a Conflict of Interest (COI) form is completed. In the instance of actual or potential COI, the contractor shall notify the PO and CO prior to commencement of any work. The CO will instruct the contractor whether or not to proceed with the work.

Data Package Completeness Check (Inorganic)

The data package completeness check shall be performed for each SDG as a first step of data validation. The contractor shall notify the TOPO immediately via email if any information or data is missing from the data package. The contractor shall follow the appropriate SOP or EPA instructions for completeness check.

Review and Validation of CLP RAS Inorganic Data

ESAT shall conduct data validation according to site specific Data Quality Objectives (DQOs) provided by EPA. In the event the DQOs are not available, ESAT shall conduct data validation using the appropriate Region 2 data validation SOP Checklist for the inorganic fraction(s). ESAT shall use the SOP Checklist in its entirety with all QA/QC criteria unless otherwise directed. ESAT shall use the Region 2 data validation SOP in conjunction with the National Functional Guidelines (NFG) Reports posted in the EXES Data Manager (EDM) by the Sample Management Office (SMO) contractor. In the event the NFG Reports are not available, the contractor shall perform organic data review/validation using the applicable current version of the SOPs. SOPs not listed may be used, if approved by the TOPO. Data generated under Modified Analytical Request will be validated considering the terms and conditions specified in the Request.

The contractor will have access to the EXES Data Manager (EDM) developed by the SMO contractor, which provides SDG File (CSF), Contract Compliance Screening (CCS) report, QC analyses forms, NFG reports, sample summary report-pdf, and Excel spreadsheet. ESAT will utilize these files to perform data validation. In the event any of the files are corrupt or missing from EDM, the contractor shall notify the TOPO by email immediately. The contractor shall not contact the Sample Management Office/ Contract Compliance Screening (SMO/CCS) contractor or any laboratory for any reason.

In the event that the contractor's review indicates that there are missing items and/or documentation in the data package, the contractor shall immediately notify the TOPO via email. The TOPO/CLP PO or their designee will contact the laboratory to obtain the missing information. The contractor shall not contact the laboratory for any reason.

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TOPO: Muhammad Sheikh

Alternate TOPOs: Russell Arnone and Narendra Kumar

The estimated total of CLP RAS inorganic samples by fraction is **700**. Dilutions and reanalyses of samples are not counted as separate samples. The estimated breakdown listed below may change due to EPA's client requests.

- | | |
|--------------|-------|
| - TAL Metals | - 400 |
| - Mercury | - 200 |
| - Cyanide | - 100 |

Deliverables

In the event that a data review cannot be completed due to missing documentation, missing information or problems with the electronic files from SMO, the contractor shall notify the TOPO immediately by email. The contractor shall submit to the TOPO a report outlining the problem and information needed to complete the data review.

The contractor shall prepare and submit to the TOPO or designated representative a data review deliverable for each deliverable by 12:00pm Eastern Time of the Completion Date of Deliverable. The deliverable shall consist of two types of components: Hard Copy Deliverable and Electronic Deliverable. Please note that the deliverable components may change based on Regional SOPs/requirements.

Hard Copy Deliverables-

1. Data package with all SDGs
2. Data Assessment (original) for each SDG outlining samples and analyses which were flagged (NFG reports may be used).
3. Contract Compliance Screening (CCS) report(s) received from SMO
4. Copies of all communications related to the subject data package
5. The NFG Report #3 for each SDG received from SMO. SMO uses this report to qualify the SDG data. ESAT shall write or type in the NFG Reports the errors discovered during data validation.
6. Original- Inorganic/Organic Complete SDG File (CSF) Inventory Checklist and Form DC-2.
7. Copy of Sampling Trip Report

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Electronic Deliverables

1. E-mail copies of original data assessment narrative,
2. E-mail copy of the Excel Spreadsheets and pdf file (if applicable) for each SDG which contain the results/qualifiers as they appear in the sample Form 1's, and
3. The CLP contract problem/non-compliance must be clearly stated along with supportive documents from the subject data package.

Review and Validation of Non-CLP RAS and Non-RAS Inorganic Data

The contractor shall perform organic data reviews on Non-RAS analytical data packages (including, but not limited to, data packages for SW-846 methods and Federal Register) using the appropriate SOP. In the event the contractor's review indicates that there are missing items and/or documentation in the data package, the contractor shall notify the TOPO via e-mail immediately or, at most, by close of the business day. The TOPO will contact the laboratory to obtain the missing information. The contractor shall not contact the laboratory for any reason.

If the contractor is unable to complete a project by the specified deliverable date, the ESAT Program Manager/Team Leader shall inform the Task Order Project Officer (TOPO) and Project Officer (PO) via email. The e-mail shall provide a detailed explanation as to why the data package could not be completed by the due date. Additionally, the email will contain a request for an extension of deliverable due date along with a proposed deliverable date. If the request for an extension is approved, the TOPO will provide a new due date for the project. The contractor shall also notify the TOPO and PO immediately upon learning of anything that may affect performance under this TO.

Reviews of Non-RAS analytical data will vary in complexity and time required to complete the review. In performing non-RAS reviews which are similar to CLP reviews, the contractor will follow the data review procedures as outlined in Validation/Review of CLP Inorganic Data.

The estimated total of Non-RAS inorganic samples by fraction is **20**. Dilutions and reanalyses of samples are not counted as separate samples. The estimated breakdown listed below may change due to EPA's client requests.

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Alternate TOPOs: Russell Arnone and Narendra Kumar

The estimated total of Non-CLP RAS inorganic samples by fraction is **150**. Dilutions and reanalyses of samples are not counted as separate samples. The estimated breakdown listed below may change due to EPA's client requests.

- | | |
|--------------|------|
| - TAL Metals | - 75 |
| - Mercury | - 50 |
| - Cyanide | - 25 |

Deliverables

In the event that a data review may not be completed due to missing or incomplete information, the contractor shall submit an interim report to the TOPO listing the information required in order to complete the data review. This report is in the format of Laboratory Communication Log.

The contractor shall prepare and submit to the TOPO a data review deliverable for each data package reviewed. The deliverable shall consist of the following components:

1. Data Assessment (original) outlining analyses that were flagged.
2. Copies of all communications related to the subject data package.
3. Copy of Inorganic/Organic Complete SDG File (CSF) Inventory Checklist and Form DC-2 or equivalent forms for TOPO and/or their designated representative.
4. E-mail copies of Excel spreadsheets and/or pdf file (if available) for each SDG in the data package

Please note that the deliverable components may change based on Regional SOPs/requirements.

Task Area 4: Training

The contractor may be required to attend training. The type of training and the staff required to attend the training will be specified in an e-mail or TD and will be in accordance with Contract Number EP-W-07-083.

QA Documents Review

The contractor shall provide support for the review and/or development of QA documents related to the validation of inorganic as well as organic data. The documents may include but not limited to the CLP SOWs, Non-CLP (including PRPs') QA reports/guidance, and Regional or National SOPs/guidance/QAPPs. The contractor shall prepare and submit to EPA a written report of findings for each document reviewed in a timely manner. This may require the contractor to perform research on specific topics including literature search in pertinent journals and publications.

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Government Quality Assurance Surveillance Plan (QASP)

Performance Requirement	Performance Standard	Acceptable Quality Level	Surveillance Method
Data packages are reviewed for adherence to appropriate SOW, SOP and/or NFG	Correct criteria have been applied to the analytical data and appropriate qualifiers assigned based on QC indicators. Problems with data have been identified in report narrative.	98% of data reviews are technically acceptable on first submission	TOPO (or designee) will review the data validation report for completeness and technical accuracy as defined in the SOW,SOP,NFG
Data review is performed in a timely manner	Validation is complete within the timeframe specified in the TD	98% of data reviews meet the required delivery date	PO/TOPO will compare required date deliverable date to actual deliverable date
Data validation report is acceptable for distribution	Technical report is complete, grammatically correct and compliant with the requirements set forth in SOW/TD/SOP.	98 % of data validation reports are acceptable for distribution on first submission. 100% corrected to acceptable quality.	PO/TOPO will review reports for distribution.